

APPENDIX A:  
INVENTORS' DECLARATION  
UNDER 37 CFR 1.131

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Holmes, et al.

Serial No.: 10/708,717

Filing Date: 03/19/2004

For: OMNI VOLTAGE DIRECT CURRENT POWER SUPPLY

Art Unit: 2838

Conf: 2716

Examiner: Rajnikant B. Patel

DECLARATION OF INVENTORS UNDER 37 CFR 1.131

I, Kevin C. Baxter declare unequivocally concerning the subject matter claimed in the above-identified application that:

1. I, along with my co-inventors, conceived and invented the entire subject matter of the above-identified patent application.
2. All of the acts of invention described herein took place in the United States.
3. Prior to January 15, 2003, we conceived and/or reduced to practice the idea of an LED based lighting apparatus having a continuous light output for use in illuminating a subject in film, video, or digital imaging. As is set out in more detail below, subsequent to January 15, 2003, we worked diligently to further reduce to practice and improve various embodiments of this invention until our patent application was filed on March 19, 2004.
4. Between January 15, 2003 and March 19, 2004, we built several experimental prototypes which were evaluated for light color temperature, flicker, efficiency and other performance characteristics. While these tests were not a complete


reduction to practice of our invention, the prototypes remained our property and under our control during and after the testing.

5. Prior to November 9, 2002, a prototype circuit board was produced to evaluate a microprocessor based switching regulator for an LED light fixture for use in film. This regulator produced a substantially constant voltage output. The first page of a software listing for the prototype circuit board last modified on said date is attached hereto as Appendix B.
6. Prior to February, 2003, a prototype circuit board was produced for powering an existing LED based light which did not previously use a switch-mode regulator. The first page of a software listing created in February 2003 for exercising the prototype circuitry is attached hereto as Appendix C.
7. Prior to March 9, 2003, a second prototype circuit board was produced to make improvements over the circuit board of paragraph 5. The first page of a software listing for the prototype last modified on March 9, 2003 is attached hereto as Appendix D.
8. Prior to May 31, 2003, a prototype circuit board was produced to test and evaluate a boost/buck switch-mode regulator under software control. The first page of a software listing for testing the boost/buck mode last modified on May 31, 2003 is attached hereto as Appendix E.
9. A backup of further refinements to the code of paragraph 8 was performed on June 25, 2003. The first page of said backup is attached hereto as Appendix F.

10. On July 9, 2003 An LED supplier sent an email to Kevin Baxter concerning LED lamps used in the inventive device. A copy of the email is attached hereto as Appendix L.
11. On August 14, 2003 a vendor sent a quote to Kevin Baxter for mechanical parts for a prototype LED light having a switch-mode regulator. A copy of the email is attached hereto as Appendix K.
12. On September 9, 2003 Fred Holmes sent Kevin Baxter an email with Gerber file attachments for a prototype printed circuit board of an LED light with a buck/boost switch-mode regulator. A copy of the email is attached hereto as Appendix J.
13. Further improvements were made to the software for the switch-mode regulator of paragraph 6 and the first page of a software listing last modified on October 5, 2003 is attached hereto as Appendix G.
14. A backup of yet further refinements to the code of paragraph 8 was performed on October 21, 2003. The first page of said backup is attached hereto as Appendix H.
15. On November 26, 2003, software for the prototype of paragraph 8 was compiled to produce object code for the circuit board. The first page of the assembly language output of the compiler is attached hereto as Appendix I.
16. On January 7, 2004 an email was sent to Kevin Baxter regarding requirements for a vehicle-based LED light. A copy of the email is attached hereto as Appendix M.
17. All of the documents that are contained within appendices that are attached hereto are true and accurate copies of these documents as they are found in our

files. However, as permitted by the PTO rules, some dates have been redacted. Also, sensitive trade secret or confidential information has been redacted but is unnecessary to establish conception of the invention which is apparent from the unredacted portions of the documents.

I hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that willful, false statements may jeopardize the validity of this application or any patent issuing therefrom.

  
Kevin C. Baxter

10/05/06  
Date